Record Nr. UNINA9910483425903321 Proceedings of the 20th Congress of the International Ergonomics **Titolo** Association (IEA 2018): Volume II: Safety and Health, Slips, Trips and Falls / / edited by Sebastiano Bagnara, Riccardo Tartaglia, Sara Albolino, Thomas Alexander, Yushi Fujita Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2019 **ISBN** 3-319-96089-X Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (837 pages): illustrations Collana Advances in Intelligent Systems and Computing, , 2194-5357;; 819 Disciplina 620.82 Soggetti Computational intelligence User interfaces (Computer systems) Psychology, Applied Quality control Reliability Industrial safety Computational Intelligence User Interfaces and Human Computer Interaction Applied Psychology Quality Control, Reliability, Safety and Risk Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This book presents the proceedings of the 20th Congress of the International Ergonomics Association (IEA 2018), held on August 26-30, 2018, in Florence, Italy. By highlighting the latest theories and models, as well as cutting-edge technologies and applications, and by combining findings from a range of disciplines including engineering, design, robotics, healthcare, management, computer science, human biology and behavioral science, it provides researchers and practitioners alike with a comprehensive, timely guide on human

factors and ergonomics. It also offers an excellent source of innovative

ideas to stimulate future discussions and developments aimed at applying knowledge and techniques to optimize system performance, while at the same time promoting the health, safety and wellbeing of individuals. The proceedings include papers from researchers and practitioners, scientists and physicians, institutional leaders, managers and policy makers that contribute to constructing the Human Factors and Ergonomics approach across a variety of methodologies, domains and productive sectors. This volume includes papers addressing the following topics: Safety and Health, and Slips, Trips and Falls.